

## Recovery Plan Action Status

**Plan Name:** Recovery Plan *Chamaecrista glandulosa* var. *mirabilis*

**Plan Status:** Final

**Plan Date:** 12-May-94

**Lead Agency:** USFWS

**Lead Office:** Caribbean Ecological Services Field Office

(287)  
851-7297 )

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name ( <i>Chamaecrista glandulosa</i> var. <i>mirabilis</i> )	1	111	Obtain protective status for the privately owned sites	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Acquisition: Easement	Internal Field Assistance	
No common name ( <i>Chamaecrista glandulosa</i> var. <i>mirabilis</i> )	2	112	Develop or revise management plan for the Tortugero Lagoon Natural Reserve	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Management: Planning	Internal Administrative, Internal Field Assistance	
No common name ( <i>Chamaecrista glandulosa</i> var. <i>mirabilis</i> )	1	121	Monitor known populations	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance	
No common name ( <i>Chamaecrista glandulosa</i> var. <i>mirabilis</i> )	1	122	Enforce existing Commonwealth endangered species regulations	Ongoing Current	Prior to FY 1995	FY 2011	U.S. Fish and Wildlife Service, Law Enforcement Division, U.S. Fish and Wildlife Service, Endangered Species Division	Other: Law Enforcement, Other: Regulations	Internal Administrative	
No common name ( <i>Chamaecrista glandulosa</i> var. <i>mirabilis</i> )	1	123	Educate public on plant conservation values and regulations	Ongoing Current	Prior to FY 1995	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division	Other: Information and Education	Internal Administrative, Volunteer	
No common name ( <i>Chamaecrista glandulosa</i> var. <i>mirabilis</i> )	2	211	Identify and inventory potential sites	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Research: Habitat Requirements	Graduate Student, Internal Field Assistance	
No common name ( <i>Chamaecrista glandulosa</i> var. <i>mirabilis</i> )	2	212	Characterize sites to determine suitability as future recovery sites	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Research: Habitat Requirements	Graduate Student, Internal Field Assistance	
No common name ( <i>Chamaecrista glandulosa</i> var. <i>mirabilis</i> )	2	31	Define habitat requirements	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Research: Habitat Requirements	Contract, Graduate Student, Internal Field Assistance	
No common name ( <i>Chamaecrista glandulosa</i> var. <i>mirabilis</i> )	2	321	Assess periodicity of flowering and pollination mechanisms	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Research: Propagation	Contract, Graduate Student	

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No common name (Chamaecrista glandulosa var. mirabilis)	2	322	Assess seed production and dispersal	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Research: Propagation	Internal Field Assistance, Internal Technical Assistance	
No common name (Chamaecrista glandulosa var. mirabilis)	2	323	Evaluate seed viability and germination requirements	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Acquisition: Exchange	Contract, Graduate Student, Internal Field Assistance	Task duration: 2-4 years; 12k/ yr includes actions 321, 322,323, and 324; Costs included in costs associated with action 321
No common name (Chamaecrista glandulosa var. mirabilis)	2	324	Evaluate requirements for seedling establishment and growth	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Research: Propagation	Contract, Graduate Student, Internal Field Assistance	
No common name (Chamaecrista glandulosa var. mirabilis)	2	331	Assess feasibility of propagation	Not Started			Botanical Gardens, U.S. Fish and Wildlife Service, Endangered Species Division	Research: Propagation	Graduate Student, Internal Field Assistance	
No common name (Chamaecrista glandulosa var. mirabilis)	2	332	Develop artificial propagation program	Not Started			Botanical Gardens, U.S. Fish and Wildlife Service, Endangered Species Division	Management: Propagation	Internal Administrative, Internal Field Assistance	
No common name (Chamaecrista glandulosa var. mirabilis)	2	411	Select sites and assess habitat suitability	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Research: Habitat Requirements	Contract, Internal Field Assistance	
No common name (Chamaecrista glandulosa var. mirabilis)	2	412	Assure site protection	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Acquisition: Easement	Internal Field Assistance	
No common name (Chamaecrista glandulosa var. mirabilis)	2	413	Introduction of plants	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Management: Reintroduction	Internal Field Assistance	
No common name (Chamaecrista glandulosa var. mirabilis)	2	51	Determine number of individuals and populations to ensure self-perpetuation	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Research: Demographic Studies	Internal Field Assistance	
No common name (Chamaecrista glandulosa var. mirabilis)	2	52	Determine what additional actions are needed to achieve recovery objectives	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Management: General	Internal Administrative, Internal Field Assistance	